GILFER

"NORTH AMERICA'S SHORTWAVE MAIL ORDER PLACE"

One-Stop Armchair Shopping For All SWL Needs

• Receivers • Digital Readouts • Calibrators • Antenna Tuners • Antennas • World Clocks • All SWL Books • QSL Albums • QSL Address Books • Log Books • AM, FM, TV Listening Guides • ITU Publications • Headphones

1978 CATALOG
GILFER SHORTWAVE
Box 239 Park Ridge, NJ 07656
Phone (201) 391-7887

FRG-7-4 Yaesu FRG-7 Modified with 4 kHz filter installed $340.00 plus shipping

The Yaesu FRG-7 Is A Fine General-Coverage Receiver — But When GILFER Gets Through With It, It's A GREAT Shortwave Receiver — And It's Low Cost, Too!

In these days of inflated promises at inflated prices, the GILFER-modified Yaesu FRG-7 seems almost too good to be true. But here it is, especially made to be just what you shortwave listeners want in a communications-style receiver, and at a price that even the casual SWL can justify.

Of course, to get a great receiver, GILFER had to start with a fine one at the outset. The Yaesu FRG-7 Mk III is just that. Its all solid-state circuitry is built to last, it uses the drift and image-free design known as the Wadley Loop Circuit, and its direct frequency readout uses separate dials for MHz and kHz settings (additive readout accuracy is better than ±5 kHz). All three major tuning controls use rotating drums. Other fine features include Fine Tuning (SSB Clarifier) control, LED indicator for "MHz" lock and maximum sensitivity, automatic switchable noise limiter, and 3-position audio tone switch. The front panel also has a standard phone jack, tape recording jack, dial-light saver switch, 10 or 20 dB attenuator switch, volume control, and "Mode" switch (USB/CW, LSB, AM, and AM/ANL). It can be powered by 117 VAC or from an internal 8 "D" cell battery pack. Its attractive cabinet is finished in gray and black, measures 13½"w × 6½"h × 11½"d, and weighs in at 16 lbs.

And now here's how GILFER makes it great! Of course it goes, almost without saying, that here at GILFER we carefully inspect and verify operation of every FRG-7 we ship (no silent mysteries for our customers). But, most important — GILFER modifies every i-f strip by substituting an expensive top quality ceramic filter for the original factory-supplied filter. The result in improved selectivity (station-separating ability) is spectacular: the selectivity curve gets steeper and narrower (only 4 kHz wide instead of 6 kHz at −6 dB and cut in half at −60 dB to only 10 kHz instead of the original 20 kHz). And at the same time, we adjust the agc release and S-meter damping time for better action, reset the BFO for the best possible SSB reception, add a digital counter output jack, recalibrate MHz and kHz and supply each customer with a set of dial deviation figures for future reference and **Proof of Performance** (that means we give you the figures measured on your receiver so you know where your dial stands on accuracy when you get it).

FRG-7-1 Yaesu FRG-7 On-the-air tested $289.00 plus shipping

FRG-7-4 Yaesu FRG-7 Modified with 4 kHz filter installed $340.00 plus shipping

FRG-7-3 Yaesu FRG-7 Modified with 3 kHz filter installed $352.50 plus shipping

PLACE
STAMP
HERE

OCIATES, INC.

N. J. 07656

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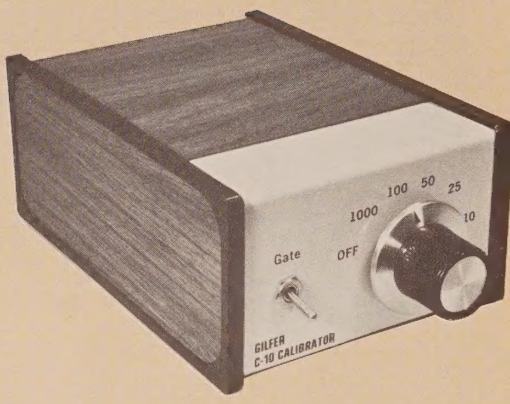
GAR-7 $179.00 plus shipping

C-10 $57.50



Add Digital Readout To Your SWL Receiver — Add The New GILFER GAR-7 Frequency Counter.

If you are the proud owner of a Yaesu FRG-7 or Drake SSR-1 receiver, here's how to move it into the digital readout era. Add the new GILFER GAR-7 Counter.

This is one counter that is foolproof, well built, error-free, birdie-free, and bobble-free (unlike some of the cheapies). In counter technology, you get what you pay for, and when you add the GAR-7 to your Wadley Loop receiver with 455 kHz i-f you get receiving capability that otherwise would cost up to $900, yet you pay far, far less.

The display includes four 7-segment 0.3" red LEDs with "memory strobe" to prevent erratic flickering; accuracy better than 25 ppm in a 20° — 30° ambient temperature range; input less than 100 mV across 10 megohms/50 pF; gating interval 100 msec.

Easy retrofit requirements are fully illustrated in the accompanying manual. Sturdy steel case is small enough to sit upon your receiver; 2⅜"h × 8¾"d × 5"w. **GAR-7 $179.00 plus shipping**

Here's How To Make A Good SWL Receiver Even Better: Add The GILFER C-10 Calibrator. It Gives Your Dial The Kind Of Accuracy You've Been Looking For.

Your dial accuracy problems are solved when you add the GILFER C-10 to your DX-160, HQ-180, etc. Attach this versatile device to your receiver's antenna terminals and it will "broadcast" harmonics throughout every shortwave band. And you can select the frequency of harmonics you wish — every 10, 25, 50, 100 or 1000 kHz. Through interpolation, "spot" any frequency you want using the logging scale of your receiver dial. And to help you identify the harmonics, a switchable "Gate" circuit pulses the output signals three times every second.

Electronically, the C-10 uses 3 CMOS ICs and a transistor harmonic amplifier. The special switching network and circuitry prevents "break-thru" of unwanted harmonics (for example, the 10 kHz harmonics don't appear as weak signals when you only want the 50 kHz harmonics).

The C-10 is battery powered (battery supplied). Its handsome housing is 4 × 2½ × 6, finished in egg-shell white with walnut grain top and sides.

Put an end to receiver calibration problems with the C-10. **C-10 $57.50**

New Panasonic Deluxe SWL Portable Radios

If It's Being Broadcast, Anywhere, You'll Receive It, Anywhere, With This New AC/Battery 5-Band Portable with Digital Readout & Dial.

If you appreciate fine electronic equipment, you'll get just as excited as we when you read about this new Panasonic RF-2800.

Dual Conversion. Panasonic calls it Double Superheterodyne Set. Whatever you call it, it means great sensitivity and selectivity, freedom from images, clear reception on every shortwave band. IFs are at 2 MHz and 455 kHz.

5 Bands. What's your listening pleasure? The RF-2800 has it. Standard broadcast band, 525-1605 kHz; standard FM broadcast band, 88-108 MHz; plus three SW bands, 3.2-8 MHz, 8-16 MHz, 16-30 MHz. And sensitivity figures to make every band usable, as low as 1 μV on SW, 30 μV/m on AM, and 2 μV on FM, great in any receiver, super in a portable.

Digital Readout. Five red LEDs display precise frequency readings of the shortwave bands. I^2L integrated circuitry makes it possible and provides tuning accuracy of up to 1 kHz. So solid, so dependable with its all-gear 2-speed tuning that you can set the dial to a station before program time, confident that the station will be "right-on" when you want it.

Dial Readout. Handy for scanning shortwave bands, a must for tuning AM and FM. And the 2-speed tuning (fast, slow) all-gear system gives you precise control. Calibrate it against WWV at 10 or 15 MHz and get 1 kHz resolution.

Wide/Narrow Band Width. Like any communications receiver, the RF-2800 has selectivity control. Switch from ±2.5 kHz to ±1.7 kHz (at 6 dB down) to help pull that station out of the scramble. This switch also gives you AFC (automatic frequency control) in the FM mode.

Extra Controls. The **RF Gain Control** lets you control sensitivity and overload (45 dB range). The **BFO** (beat frequency oscillator) and **BFO Pitch Control** let you tune the SSB and CW signals of amateur radio, CB, and ship-to-shore stations; the Pitch Control lets you swing from upper to lower sideband of SSB signals for best reception. The **3-Way Tuning Meter** serves as a visual reference during calibration, works as a tuning meter, and it's a battery-strength indicator as well. **Separate Bass and Treble Tone Controls** let you tailor the response of the built-in 4" dynamic speaker; unusual but nice in a portable. **Battery Savers** — some thoughtful touches — you can turn off the dial light and the digital display, separately. **Conveniences** — front panel jacks for earphones or external speaker; for multiplex FM channel (to feed to another amp. and speaker); and for receiver-output to whatever, including a tape recorder; dial hood to shade the dial and digital displays from direct light (handy out-of-doors); built-in rod AM antenna and telescoping FM/SW antenna plus external antenna jacks (hi and 75 ohm outputs).

For super versatility, super performance, get this super Panasonic portable.

RF 2800 $229.00 plus shipping

Free 1978 World Radio TV Handbook with each receiver purchase.

New AC/Battery 8-Band Portable Has Linear Spread Tape Tuning Dial and Gear Drive for Ultra-Precise Tuning.

The Panasonic RF-2200 offers unusually sophisticated tuning capability in a dual-conversion portable receiver that's great for SWL: sub-calibrated SW band spread dial with 10 kHz indications, linear tape tuning dial with each SW band covering 4 MHz, and 125 and 500 kHz marker/calibrators.

Tunes AM and FM plus 6 SW bands from 3.9 to 28 MHz (even covers the CB band). Two-speed tuning plus wide-narrow bandwidth to reduce interference. RF gain control lets you control signal strength. BFO for listening to SSB and CW signals. Separate bass and treble tone controls. 4" speaker. Dial light. Separate power switch. Built-in whip antenna for FM and Shortwave reception. Built-in rotating rod antenna for best AM reception. And a full complement of jacks: external antenna, earphone/external speaker, receiver out (for taping), AC power in. Size: $7^{7}/_{16}$"h × $12^{9}/_{16}$"w × $3^{15}/_{16}$"d.

Comes complete with 4 "D" cells, AC power cord, shoulder belt, and earphone . . . ready to give you performance and features usually found only on professional-type communications equipment. And at a reasonable price.

RF-2200 $149.50 plus shipping

We also stock the Panasonic RF-4800 (modified)

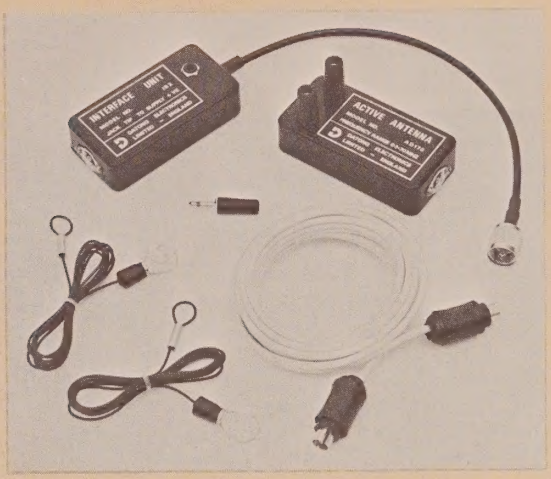
Big and Handsome.

The RF-2800 is no midget — it's man-size in every respect. Measures 9 11/16"h × 15"w × 4¾"d, weighs in at 8 lb., 10 oz. with its 6 "D" batteries (supplied). Styled in black with chrome accents, red LEDs. Comes with batteries, AC power cord, shoulder belt, and earphone.

RF 2800
$229.00
plus shipping

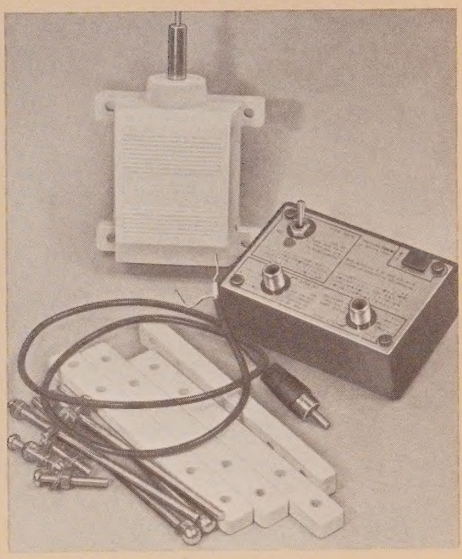
RF-2200
$149.50
plus shipping

Gift Certificates Available



AD-170 $84.50

RAK-7 $67.00



Antennas And Couplers Designed Especially

NEW Indoor Active Antenna — Compact, Wideband, Low Cost.

From England comes the new Datong Active Antenna, the ideal solution to lack of space and lack of access to outdoor areas.

Only 3 meters in length to fit anywhere indoors — attic, picture window, etc. Covers 60 kHz to 70 MHz. Provides 8 dB gain to give more receivers more performance. Matches 50 ohm (nominal) inputs. Flat frequency response minimizes inter-mod. effects. Dipole configuration gives choice of polarization and useful directivity effect. No antenna tuner needed.

The secret of all this performance is in the "electronic balun" — an amplifier using field-effect and bipolar transistor circuitry. 12v power is supplied by the Interface Unit (converter required). The 4 meter coax feed line supplied may be extended in length as required. This is the answer to indoor "gain" antennas.

AD-170 $84.50

"RAK Listener-7" Outdoor Active Antenna.

Here's high gain in an inconspicuous outdoor active antenna.

Has a one-meter stainless steel whip, built-in amplifier, coax cable, and a De-Coupler/Power Supply powered by a 9v battery (supplied) , or use AC/DC converter (optional extra). Built-in LED indicates "on" and battery condition.

Mount it in the clear of obstructions, outdoors (not for use near AM, FM, or TV transmitters or indoors). Ideal for rooftop, balcony rail, trailer top, etc.

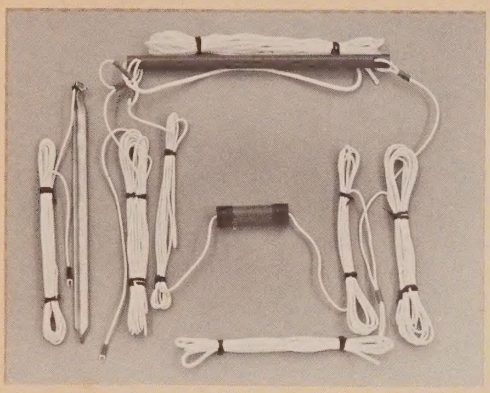
Gain is 10 dB at 3 MHz, 40 dB at 15 MHz, and 14 dB at 30 MHz. **RAK-7 $67.00**

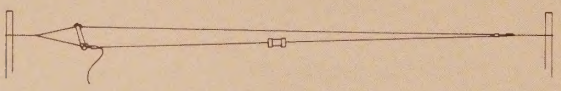
If You Have Only 20 to 22 Feet of Space But Want An Outdoor Antenna, This Is It: "RAK Listener-1."

This loaded and folded flattop antenna has much more "capture effect" than seems possible for its size. Its secret is the loading coil and the folded-back section which also forms the lead-in (the 7 meters long lead-in must not be lengthened or shortened or the antenna will not work properly). The antenna must be mounted horizontally and about 6 meters high for best operation.

Comes complete with white plastic covered

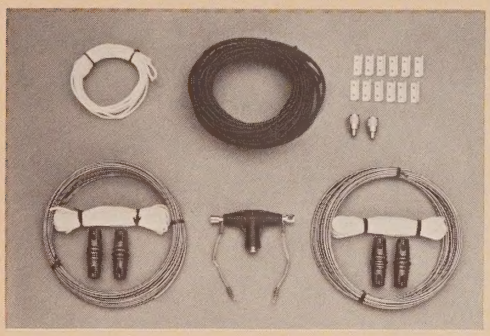
RAK-1 $24.75

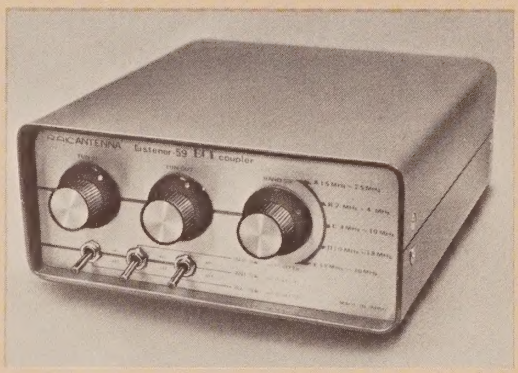




RAK-1

RAK-3





RAK-3 $58.50

RAK-59 $52.50

for Shortwave Reception

antenna wire, loading coil, red plastic spreader bar, white nylon rope, and ground lead and stake; assembled, ready to install. **RAK-1 $24.75**

At Last, The SWL Antenna That's Been Unavailable For Years Is Here Again: "The Double Dipole."

If there is an "ultimate" shortwave antenna, many consider it to be the "double dipole." And yet, it hasn't been available to the SWL for over 20 years. Now RAK brings it back in a really superior package.

As the name implies, the double dipole is two dipoles of different resonances feeding a single coaxial cable. Through careful selection of the lengths of the two dipoles, plus the angular spacing between them, the impedance can be held reasonably constant (50-100 ohms) from 3 to 30 MHz.

The "RAK Listener-3" is a heavy-duty double dipole with an overall air space length of 21 meters (64'). The second dipole is fanned away between 10 and 25 degrees and is 13 meters (42') long. The complete kit, including special aluminum alloy 3mm wire, molded, sealed center insulator, end insulators, 50' of coax cable, connectors, hardware, and white nylon supporting ropes, is designed for permanent mounting and will withstand the worst types of weather. Support poles or trees are required and the top dipole should be at least 40' above ground.

It's the only one we know of and you'll like the way it works. **RAK-3 $58.50**

Make Your Indoor or Outdoor Wire Antenna Work Better: "RAK Listener-59 Coupler."

Practically every SWL antenna can deliver better performance just by being properly matched in impedance to the receiver it serves. The way to do that is with an antenna tuner and here's one that not only does that job admirably, but also has the versatility to switch two different antennas to two different receivers, and it has a built-in lightning arrestor, too! You won't out-grow this pi-network tuner, ever.

The "RAK Listener-59 Coupler" covers the shortwave spectrum from 1.6 through 30 MHz in 5 bands and will match either high or low impedance receiver inputs.

Fully assembled, ready to use, the "Listener-59 Coupler" comes with an attractive metal cabinet measuring 148 × 60 × 148 mm. **RAK-59 $52.50**

CS-7 $42.50 with HC-1 $2.25

HTC-2 $19.95

YH-55
$16.00

C1210
$28.30

Headphones — For Easier Listening.

Telex CS-7 Headphones — Balanced Sound.

Ever used a pair of cheap headphones? They wear you out listening to their peaked tinny sound. Ever try a pair of stereo phones on shortwave listening? A different problem — too much bass. And then there are the Telex CS-7 phones — they have what is known as balanced sound without costing a ton. Their sound is non-fatiguing. Neither too bass-heavy nor too strident — just right for hours of listening pleasure. Comfortable, too, with nylon headband and earcups filled with ABS soft plastic. The CS-7 has moving-coil dynamic transducers with 600 ohm output (just right for low, med., or hi impedance receivers), stainless steel frame, 5' cord, ¼" standard plug. Professional! **CS-7 $42.50**

Telex "Twinset" — Perfect For Eyeglass Wearers.

Weighing only 1.6 oz., the Twinset is a favorite of those of us who wear glasses; the dual magnetic transducers rest on your temples away from your ears. Sound is channeled into the ear by an adjustable tube mounted on a ball and socket joint; swing one tube away for listening to conversation without removing the headset. Low impedance (3-20 ohms) with tailored response for maximum intelligibility; includes 60" cable and standard ¼" plug. **HTC-2 $19.95**

NEW Yaesu YH-55 Headphones.

If you use the Yaesu FRG-7 receiver, you'll want these headphones — they're an exact match for the receiver's impedance. And these new phones are low impedance, so they'll work with most receivers. And they are **comfortable!** Plastic earcup padding and fully adjustable — you can wear them for hours without realizing they're on your head. The sound is great, too. Not too loud, not too soft, not too harsh, not bassy — just-right tonal quality for non-fatiguing listening. And they are a great buy! **YH-55 $16.00**

Telex C-1210 Low Impedance.

If you want the best possible low impedance match for your SWL receiver headphone jack, choose the Telex C-1210. Their nominal impedance is 16 ohms, but they match 3.2 to 20 ohm outputs with their dual moving-coil dynamic transducers. Comfortable, too, with the "squared" shape that practically encases your ears in their foam-filled cushions. Also reduces ambient noise penetration and concentrates signal output. Earcushions are removable for cleaning. 5' cord, ¼" standard plug. **C1210 $28.30**

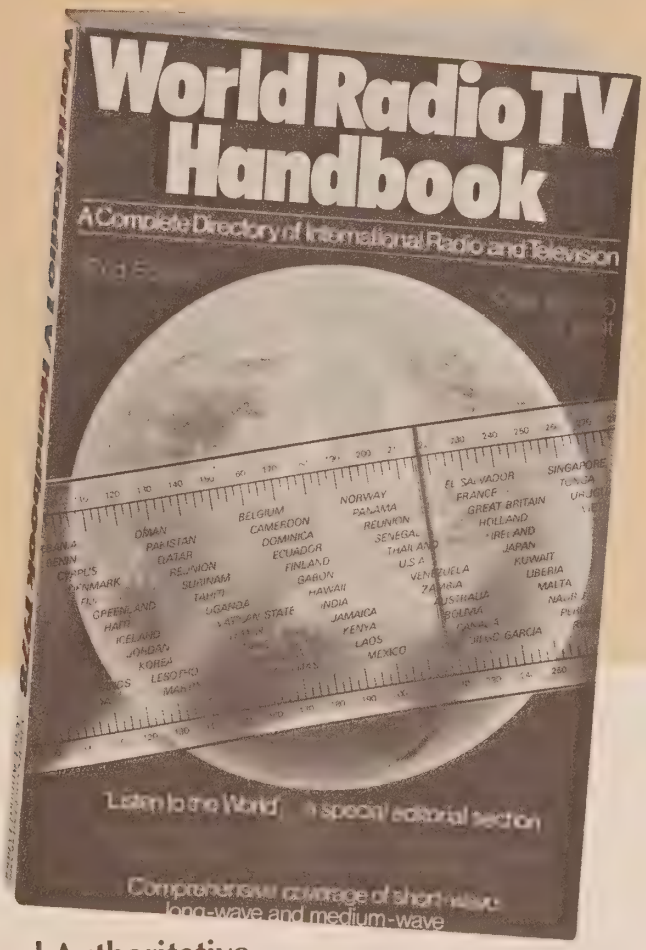
Headband Cushions.

Like TV cameramen wear. Fit Telex CS-7 or C-1210. Snap on and enjoy real comfort.

HC-1 $2.25

The "Must" Book for SWL

If you had just one book for your shortwave listening hobby, this would be it.


World Radio TV Handbook
A Complete Directory of International Radio and Television
Listen to the World
a special editorial section
Comprehensive coverage of short-wave, long-wave and medium-wave

WRH-32 $11.95

The Most Complete and Authoritative Guide to World Broadcasting Available Anywhere.

- **Lists broadcast stations in each country, AM-FM-TV [high power USA]**
- **Lists by frequency shortwave stations worldwide**
- **Lists country-by-country, program data, schedules etc.**
- **Over 500 pages jammed with vital details**

Listen To The World With WRTVH By Your Side.

So indispensible to knowledgeable shortwave listening, it's like a "map" to the world of broadcasting — without it you are lost. But with it, you can track down any station and any detail of its broadcasting.

Schedules, frequencies, countries, programming, shortwave, medium wave, FM, TV call signs, addresses, transmitter powers, beam antenna bearings, geographic coordinates, relay stations, slogans, interval signals, feature programs, home service and regional transmissions. All this and much more is packed into this unusual SWL book.

The 32nd edition of World Radio TV Handbook, the publishers have literally "written the book" on shortwave listening. Whatever your interest, you'll find they have anticipated your needs. It's the essential reference for DXers, shortwave listeners, technically oriented amateurs, manufacturers and sellers of radio and TV receivers transmitting and studio equipment, technicians and engineers, even radio and TV stations themselves.

And there's a brand new 48-page special section included that is packed with information on new receivers, antennas, frequency counters for the DX-er, how to build your own Log-Periodic Quad antenna, and a fascinating article about Unofficial Radio (the pirate broadcasters). Another reason why you won't want to miss this latest edition.

Whether you are a beginner or an experienced listener, this new edition belongs beside your receiver. **WRH-32 $11.95**

HM-3 $39.00

FE-10 $25.95

QTR-24 $31.00

World Time Clocks

Howard Miller World Time Desk Clock — Elegant Accuracy.

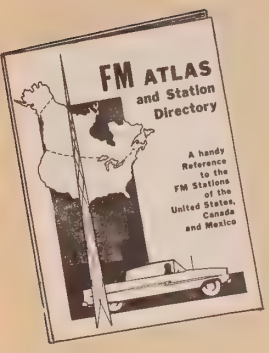
Designed by the famous Howard Miller, this clock presents an image that can only be termed sophisticated elegance. And its appearance is surpassed only by its accurate information. It gives the time simultaneously and automatically in fifty-three key locations around the world. It has a sweep second hand and a rotating disc which indicates the correct time, daylight and nighttime hours, in twenty-four hour time for all indicated locations, and it shows the International Date Line. The movement is battery operated (standard flashlight battery, not supplied). The metal dial is covered by a shatterproof crystal and surrounded by a chrome metal bezel. The case is black with a rosewood grained finish; 8½"h × 6⅜"w × 3⅛"d. **HM-3 $39.00**

Yaesu World Time Clock — For Wall or Desk.

To complement your Yaesu FRG-7 receiver, there's nothing quite so attractive or useful as this Yaesu clock. Tells time at a glance in numerous cities and countries around the world, is easily adjusted to WWV/CHU time, and it maintains its accuracy over long periods of time. Battery operated, there is an adjustment should its variation from week to week be more than a few seconds. It has a sweep second hand and a rotating time disc to show the time, day and night, for all indicated locations printed around its dial. The black case with chrome metal bezel measures just under 6" in diameter; a wire bail is provided to permit mounting the clock on your desk or receiver or hanging it on the wall. Battery supplied. **QTR-24 $31.00**

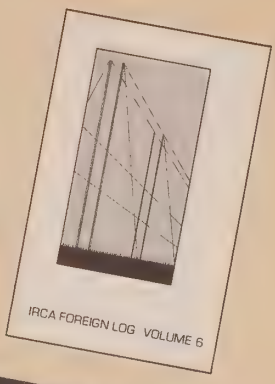
Franklin 24 Hour GMT Clock Eliminates All The Converting.

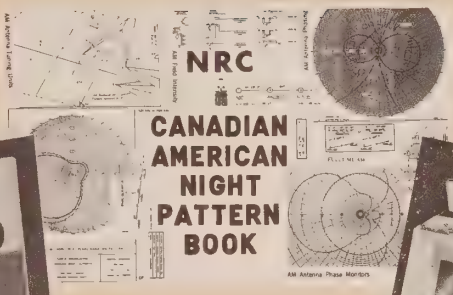
With much of the world broadcasting, and WWV/WWVH on 24 hour UT time, here's one clock that takes all the mental calculations out of telling your time in the same manner. The Franklin 24-hour clocks are 117 VAC powered (no batteries to fool with), and run for months with high accuracy (they're synchronized with the 60 Hz frequency of the power line). Read it like any other clock, sweep second hand, long hand for minutes, short hand for hours; twelve is noon, thirteen is one o'clock, etc. Noiseless operation. White face plate. And the 10" clock is readable from 10 to 12 feet. **FE-10 $25.95**



FM-5 $3.95

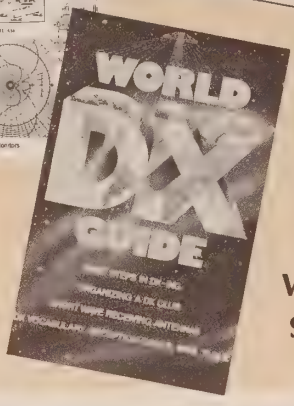
IRCA-6 $4.75





NRC-2 $7.75

NAR-12
$6.45



WDX-1
$8.75

Special-Interest Listening Guides

FM Atlas and Station Directory.

If your car has FM, if you like the better sound of FM, if you go DXing after far-away FM stations, this book is just what you need.

The fifth edition of this handy guide to FM lists over 4,000 stations on the air in the U.S. and Canada. Listings are by geography and frequency. Maps by state and large cities show town names and station call letters and frequencies. Other lists include those stations using translators to extend coverage. Detailed listings show programming type (rock, soul, classical etc.), channel number and class of station, antenna height, polarization, primary and secondary coverage radius, effective power, SCA, network, etc. A handy front section explains programming and operational trends, how to buy an FM receiver or car radio, how to get rid of ignition noise, etc. If it's FM, it's in this book. **FM-5 $3.95**

IRCA Foreign Log.

A popular column in the IRCA "DX Monitor" bulletin reports on foreign AM BCB signals heard in Canada and the USA. This 168 page book is a reprint of all reports (geographic by frequency) throughout one DX season (6/76-6/77). It provides a valuable guide to what can be heard, when and where it has been heard.

IRCA-6 $4.75

Van Jones "North American Station Guide."

Listing all radio stations, both AM and FM, plus TV stations in USA, Canada, Central America, Mexico, and the West Indies, the latest edition of this handy book has all the details you need. Frequency, call sign, geographical location of more than 11,000 stations, power, time sharing, network affiliation, FM antenna height, etc. Three separate lists arrange stations by frequency, by call sign, and by location. It's a DXers delight for fast identification. **NAR-12 $6.45**

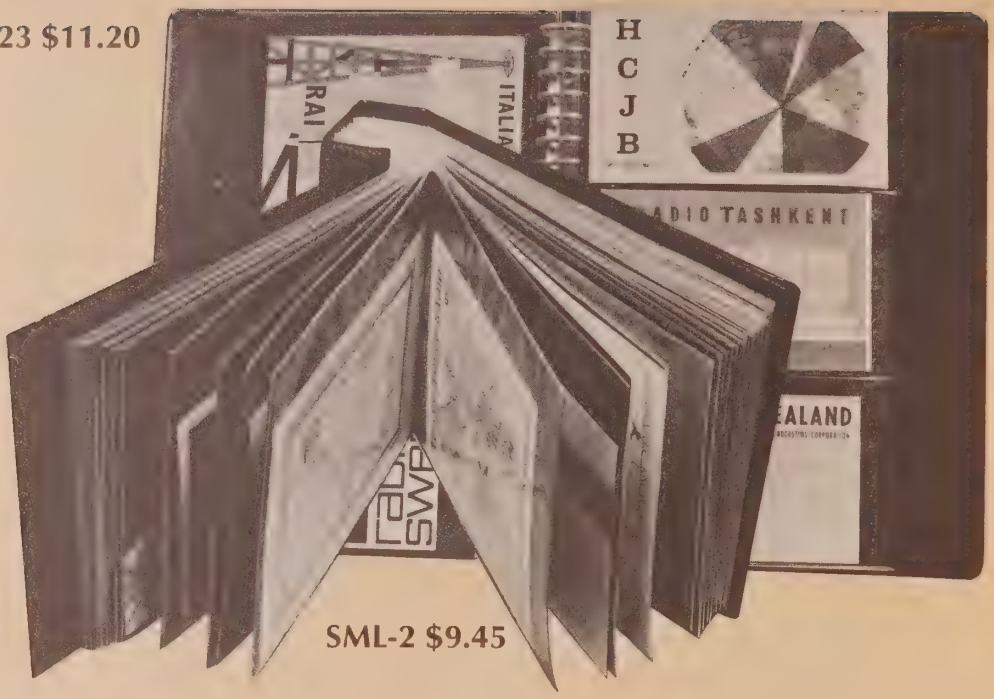
Can-Am Night Pattern Book.

Frequency-by-frequency outline maps show the lobe structure of each AM station to help you understand why you hear certain stations (and not others). Covers American, Canadian, Mexican, Cuban, and Alaskan stations. **NRC-2 $7.75**

World DX Guide.

One hundred ninety-two pages cover your favorite listening hobby. Twenty-eight chapters on DX-ing, maps, tables, charts, information on propagation, interference, ionospheric behaviour, SW, MW, and TV antennas, SSB reception, plus best articles published in "How to listen to the World." To be published mid-year, 1978. **WDX-1 $8.75**

NA-23 $11.20



Show Your QSL Cards & Letters In These Display Albums

Display Those Beautiful QSL Cards In These Colorful, Just-Right-Size Albums.

You've worked hard to secure those QSL cards and now you want to show just how remarkably attractive they are. No better way than in these sturdy simulated-leather finish albums.

Each album contains 50 transparent 5″ × 7″ pockets of soft pliable Polystyrol (additional pockets are available). Each pocket has a flap to seal out dust. And the black backing filler in each of the pockets may be removed so you can display both sides of the cards (most of us display the cards back to back so just the colorful fronts of the cards show).

The albums are available in green, red, blue, and black exteriors (when ordering, please specify your first and second choice of color).

Protect your valuable QSL card collection — put them in these handsome display albums. And don't forget your SWL friends — these make particularly fine gifts for them.

SML-2 $9.45

You Asked For It — A Display Album for Letter-Size QSL/Verifications.

At your request, we added these unique display albums to our line. And they are just right for the peculiar problems of displaying those varying sizes of QSL cards and letters of verification in an attractive manner.

The size of these handsome albums is 8½″ × 12″. And inside are crystal-clear pages of durable vinyl. Twenty pages in all, in a mix of sizes. Some pages will hold three QSL cards of the standard size, some pages will hold two of the over-size cards commonly used, and other pages will hold letters up to 7″ x 11″ in size. No backing sheets are required, and both sides of the letters or cards can be displayed. Extra pages are available.

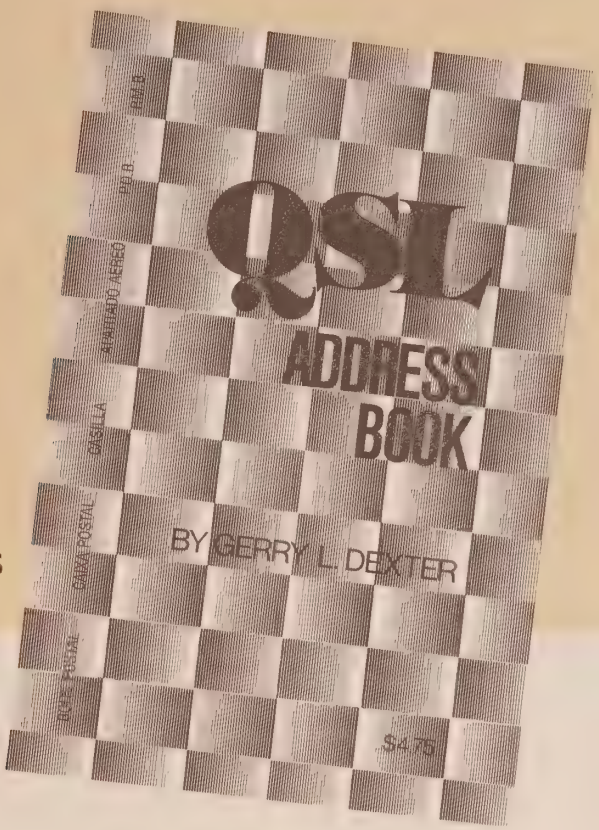
These sturdy binders have 23 chrome steel rings to hold the pages, and are available in either black or blue (specify when ordering).

NA-23 $11.20

If You Want To Improve Your QSL Count — This Book Shows You How.

NEW

QSL-3 $4.75



Better Than Ever — Easier To Use, The New GILFER "QSL Address Book."

- **Lists over 800 Shortwave Stations**
- **Complete Addresses and Names of Verifiers**
- **Improved Grading System for Easier Reading**

When it comes to improving your QSL response, there's no better way to find out how to do it than this new book from GILFER by Gerry Dexter.

Improved and simplified from the sell-out previous edition, this new 96-page book gives you practical information gained first-hand by the author (what really happens — eliminating much of the hearsay and guesswork).

New text prepared by the author covers all of the ground rules for report writing, mailing, following up, and reply times. Illustrations show examples of actual verification letters and QSL cards.

The main body of the book is a tabulation by country of exact addresses and the names of the verification signers. A new simplified "grading" system quickly tells you what your chances are of getting a verification on your first try.

Another new feature in this edition are the "Heard" and "Verified" columns — places where you can record the dates you heard one of the 840 listed stations and the dates that the QSLs arrived.

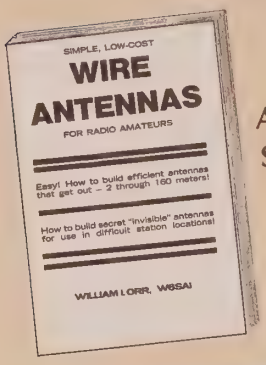
Author Dexter is one of the top country-hunters in the SWL world. He has verified just a few less than 1000 shortwave broadcast stations in 216 countries (4 countries remained unverified). His QSL percentage is figured at about 85%.

To put your QSL seeking on a systematized basis that gives your efforts the greatest chance of success, add the new QSL ADDRESS BOOK to your library. You can get up in the top ranks too. Of the 182 countries detailed in the tabulation, only one absolutely cannot be verified (Kampuchea — they don't accept mail from the United States!

QSL-3 $4.75

Gift Certificates Available

Books and Forms for Easier Listening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WILLIAM I. ORR, W6SAI

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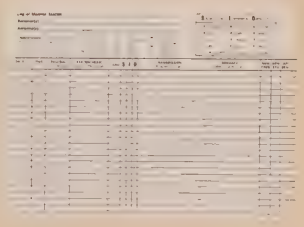
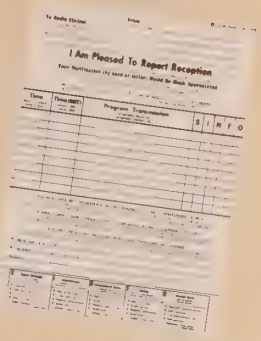


LS-1 $2.50



RF-2
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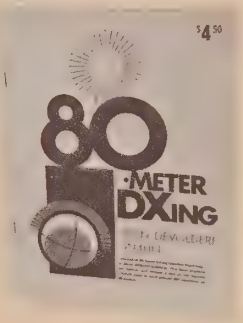
TB-5
$3.00



DX-80 $4.50

SS-10
$10.95

The Definitive Book on Low Cost Antennas — "Wire Antennas."

If you are serious about SWL, you have to be serious about a good antenna, and this book shows you how to build your own — 81 of them, in fact! Although written for hams, almost everything pertains to shortwave, too. Gives formulas for making your own antennas from wire — beams, dipoles, end-fed long wire multi-band antennas, even "invisible" antennas.

ANT-1 $5.45

Don't Trust To Memory — GILFER Log and Record Sheets.

Use a professional logging and record system to identify new stations, track the activities of those "must-hear" stations, and compare your DX with published lists. Easy-on-the-eyes green sheets provide optimum space for each station entry (date, time, call or slogan, freq., program, SINPO, etc.), plus space for QSL info. Sixty sheets.

LS-1 $2.50 LS-2 Log Sheet (2 pads) $4.50

Improve Your QSL Return with GILFER Reporting Forms.

These forms are designed so each important English phrase is translated line for line into French and Spanish. Just fill in the reception details (call sign, slogan, freq., date, time, program, SIO and SINPO reception code, etc.). Fifty letters per pad. **RF-2 $2.50**

"Tropical Bands Survey" — Low Frequency Guide.

From Danish Shortwave Clubs International, this unusual 28-page guide covers what's to be heard around the world on 60, 90, and 120 meters. It lists all information known about "Tropical Band" broadcasters, including the islands of Indonesia, Papua New Guinea, Africa, India, Caribbean, and South America. **TB-5 $3.00**

"80-Meter DXing" — Propagation and Antennas.

Written for hams, but if you are after the incredible variety of listening in the 60 and 90 meter bands, you'll need to know how a signal gets where it's going (propagation), what "black-outs" are (magnetic and ionospheric disturbances), and what the "gray line" phenomenon is. And you'll learn what makes a good antenna (resonance). **DX-80 $4.50**

History of Communications — "From Semaphore to Satellite."

Over 350 pictures and 344 pages depict the invention, development, and usage of radio, radar, telegraphy, television, and facsimile from the 18th century to the 1970s. Engrossing reading. Issued by the International Telecommunications Union of Geneva, Switzerland, on the occasion of its Centenary. Makes a great gift.

SS-10 $10.95

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